

## Rabbit MYF5 Polyclonal Antibody | anti-MYF5 antibody

MYF5 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA170001</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

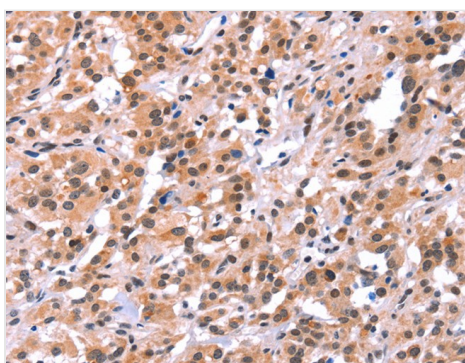
### PRODUCT SYNONYMS

MYF5; Polyclonal Antibody; MYF5 Polyclonal Antibody; bHLHc2; anti-MYF5 antibody

### PRODUCT SPECIFICATIONS

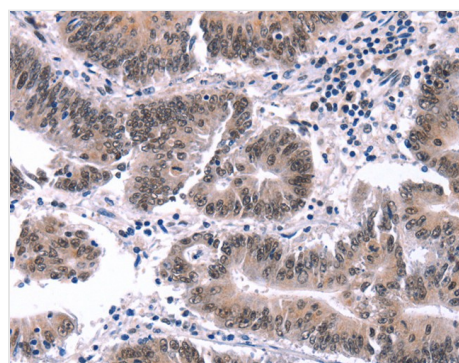
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 1.6mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 255                                                                                       |
| Applicable Applications for anti-MYF5 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                      | Synthetic peptide of human MYF5                                                           |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MYF5 Polyclonal Antibody at dilution 1:15



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using MYF5 Polyclonal Antibody at dilution 1:15

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MYF5 antibody | Myogenic factor 5 is a protein that in humans is encoded by the MYF5 gene. It is a protein with a key role in regulating muscle differentiation or myogenesis. Without Myf5 and MyoD, myogenic cells will fail to progress normally during the determination stage of myogenesis. Myf5 belongs to a family of proteins known as myogenic regulatory factors (MRFs). These bHLH (basic helix loop helix) transcription factors act sequentially in myogenic differentiation. MRF family members include Myf5, MyoD (Myf3), myogenin, and MRF4 (Myf6). |
| Product Categories/Family for anti-MYF5 antibody   | Stem Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| NCBI GI #                        | 156104906                                                          |
| NCBI GeneID                      | 4617                                                               |
| NCBI Accession #                 | NP_005584.2                                                        |
| NCBI GenBank Nucleotide #        | NM_005593.2                                                        |
| Molecular Weight                 | 28,296 Da                                                          |
| NCBI Official Full Name          | myogenic factor 5                                                  |
| NCBI Official Synonym Full Names | myogenic factor 5                                                  |
| NCBI Official Symbol             | MYF5                                                               |
| NCBI Official Synonym Symbols    | bHLHc2                                                             |
| NCBI Protein Information         | myogenic factor 5; class C basic helix-loop-helix protein 2; myf-5 |
| UniProt Protein Name             | Myogenic factor 5                                                  |
| UniProt Gene Name                | MYF5                                                               |
| UniProt Synonym Gene Names       | BHLHC2; Myf-5; bHLHc2                                              |
| UniProt Entry Name               | MYF5_HUMAN                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/myf5-antibody-immunohistochemistry-elisa/170001>